

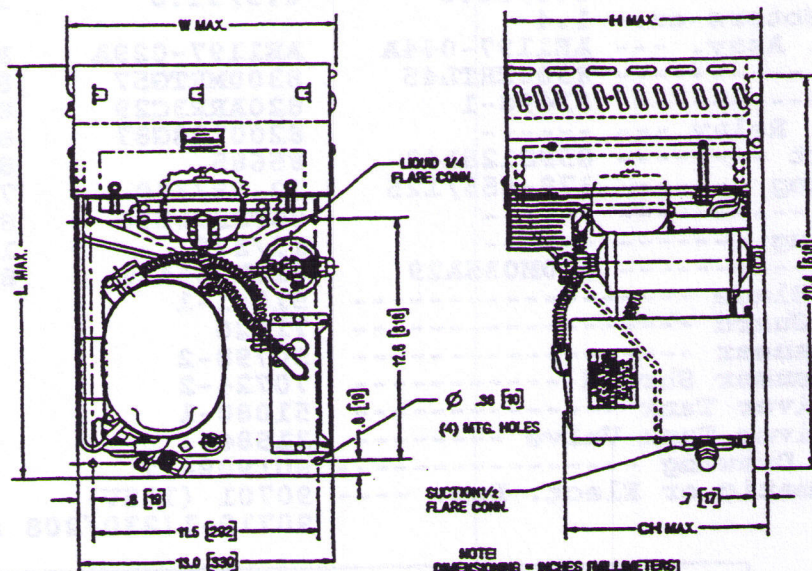


TECUMSEH HERMETIC CONDENSING UNITS

Date: 9-5-95

MODEL AKA9446E**XC (Formerly AK9446EC)

R-22 1/2HP AIR COOLED



Model	Dimensions				*Line Connection		Pumpdown 90° F 90% Full	Air CFM	Oil Chg oz.	Gr. Wt. Lbs.
	L	W	H	CH	Suct.	Liq.				
AKA9446E**XC	20.6	13.9	13.2	10.0	1/2 F	1/4 F	3/8#	600	15	73

*F=Flare, S=Solder, RF or RS= Rotolock Valve with Flare or Solder Connections
Factory charge: 20 psig nitrogen - MUST BE EVACUATED 60 HZ Performance

Approved Evap. Range		Ambient								
		90° F			100° F			110° F		
°F	PSIG	BTUH	Watts	Head	BTUH	Watts	Head	BTUH	Watts	Head
-10	16.5	1800	510	195	1450	440	220	—	—	—
-5	20.0	2200	560	200	1800	540	225	1400	525	255
0	24.0	2600	600	210	2200	590	235	1750	580	265
5	28.2	3050	620	215	2600	640	245	2150	630	270
10	32.8	3500	690	225	3100	690	250	2600	690	280
15	37.7	4050	730	235	3550	735	260	3100	740	295
20	43.0	4600	780	245	4100	780	275	3600	795	305
25	48.8	5150	820	255	4600	835	285	4100	850	320
30	54.8	5700	870	265	5150	890	295	4700	915	330
35	61.5	6300	920	280	5700	940	310	5200	970	345
40	68.5	6900	965	290	6350	1000	325	5800	1030	360
45	76.0	7600	1020	305	6900	1050	335	6200	1090	370

Return gas temp. 20° F max superheat above 20° F evap
40° F max below 20° F evap. 5° F subcooling

Date: 9-5-95

SPECIFICATIONS

Nominal Voltage -----	AKA9446EXAXC	AKA9446EXDXC	AKA9446EXCXC
Unit B/M -----	115-60-1	230/208-60-1	240/220-50-1
Unit B/M -----	2C208-1	2C209-1	2C225-1
Voltage Range -----	126.5 to 103.5	253 to 187	264 to 198
Min. Circuit Ampacity --	12.4	6.1	4.9
Max. Fuse Size (Amps) --	20	15	15
Compressor Model -----	AKA9442EXA	AKA9442EXD	AKA9442EXC
Bill of Material --	AK165AT-035-P2	AK165ET-035-P2	AK165JT-035-P2
RLA/LRA -----	8.8/58.8	4.3/31.0	3.5/26.0
RLA-Fan Motors-ea.-	1.4		
Cap. Cab. Assy. ---	AE1197-044A	AE1197-029A	AE1197-030A
Overload -----	8300CRTL45	8300MRTG57	8300MRTL94
Relay -----	82498-1	820ARR3C29	820ARR3E39
Alt. Relay -----		8200128G87	820F128H01
Cap. Start -----	85PS125A43	85685	85685
Rating -----	378-455/125	72-88/330	72-88/330
Cap. Run -----		85PR370E36	85PR370E36
Rating -----		15/370	15/370
Fan Motor -----	810M035A29	810M035A28	810M035A30
Fan Blade -----		51541-1	
Fan Guard -----		71020	
Condenser -----		50798-2	
Condenser Shroud -----		70724-2	
Receiver Tank -----		51080-1	
Receiver Tank Valve -----		31584	
Unit Drawing -----		SU1909-17	
Schematic or Elect. Dwg. ----		90701 (115V)	
		90719-1 (230/208 & 240/220)	

